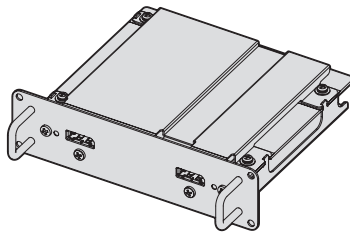


Panasonic®

Operating Instructions

Interface Board for DisplayPort 2 input Commercial Use

Model No. **ET-MDNDP10**



ENGLISH

Thank you for purchasing this Panasonic product.

- Before using this product, please read these “Operating Instructions” and the “Operating Instructions” of the projector carefully and save the manuals for future use.
- Before using this product, be sure to read “Read this first!” (➔ page 3).

4K
PROFESSIONAL

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■ Trademarks

- DisplayPort™ is a trademark owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

Read this first!

WARNING:

Do not spill water on this product or allow this product to get wet.

Doing so may cause fire, electric shock, or malfunction due to short circuit or overheating.

- Do not place a container with liquid close to this product.
- Consult your dealer when liquid such as water is spilled on this product.

Do not place the supplied screws in a location that a child can reach.

Accidentally swallowing them can cause a physical harm.

- Seek a medical advice immediately if a child might have swallowed a screw.

Do not disassemble or modify.

Doing so may cause electric shock or fire. It may also cause a malfunction.

CAUTION:

Do not place this product in a location with excessive humidity or dust, or in a location exposed to oil smoke or steam.

Doing so may cause fire or electric shock.

Do not place this product in extremely hot location.

Doing so may deteriorate the part, or may cause fire.

- Do not install or store in a location with direct sunlight or close to the heating device, etc.

Turn off the power and disconnect the power plug from the outlet when installing or removing this product to/from the projector.

Failure to do so may cause electric shock.

Importer's name and address within the European Union

Panasonic Marketing Europe GmbH

Panasonic Testing Centre

Winsbergring 15, 22525 Hamburg, Germany

Precautions for use

This product is an interface board with two DisplayPort inputs for use installed in a Panasonic projector.

Supported projector

PT-RQ22K
(As of April 2019)

Note

- Products other than the above may also be supported. Refer to the operating instructions for your projector or the Panasonic website (<https://panasonic.net/cns/projector/>).
- If the main version of the firmware of the PT-RQ22K is less than 3.00, this interface board cannot be used. Update the firmware to the latest version before use. Check the update procedure by accessing the page containing the latest information on the firmware at the Panasonic website (<https://panasonic.net/cns/projector/pass/>).

About the handling of the product

■ Do not touch the connector section of the Interface Board directly with your hands.

The component may be damaged by the static electricity. To prevent the static electricity damage, remove the static electricity in your body by touching the surrounding metal, etc. beforehand.

Disposal

To dispose of the product, ask your local authorities or dealer for correct methods of disposal.

Accessories

Make sure that the following accessories are provided with your product. Numbers enclosed in < > show the number of accessories.

Screw <4>

(XSB3+8FN)



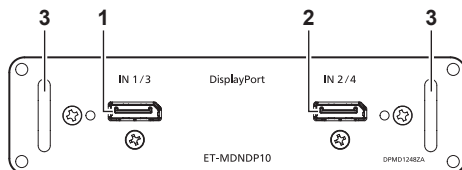
Attention

- Appropriately discard the packaging material after unpacking the product.
- For missing accessories, consult your dealer.
- Store small parts in an appropriate manner, and keep them away from small children.

Note

- The supplied screws are spare. Use them when a screw to fix the slot cover of the projector is lost.
- The model numbers of accessories are subject to change without prior notice.

Part names and functions



- 1 <DisplayPort IN 1> terminal**
(when it is installed in <SLOT 1> of the projector),
<DisplayPort IN 3> terminal
(when it is installed in <SLOT 2> of the projector)
This is a terminal to input DisplayPort signals.

- 2 <DisplayPort IN 2> terminal**
(when it is installed in <SLOT 1> of the projector),
<DisplayPort IN 4> terminal
(when it is installed in <SLOT 2> of the projector)
This is a terminal to input DisplayPort signals.

- 3 Handle**

Installing the Interface Board

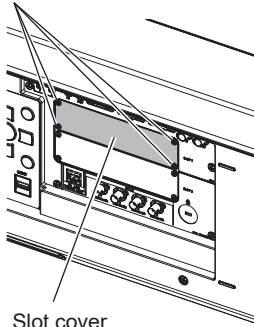
It is recommended to ask a qualified technician to install or remove the Interface Board to a projector. A malfunction may occur due to static electricity. Consult your dealer.

Before installing or removing the Interface Board

- Always turn off the power of the projector before installing or removing the Interface Board.
 - Make sure to follow the procedure described in the Operating Instructions of your projector when turning off the power.
- Do not touch the connector section of the Interface Board directly with your hands.
 - The component may be damaged by the static electricity.
- To prevent the static electricity damage, remove the static electricity in your body by touching the surrounding metal, etc. beforehand.
- Take care not to get injured when installing or removing the Interface Board.
 - Hands may be injured by the opening of the blank slot of the projector or the edge of the bracket of the Interface Board.
- When installing the Interface Board to the slot, insert it into the connector straight and slowly.
 - It may not operate or cause malfunction if it is not correctly installed.

How to install the Interface Board

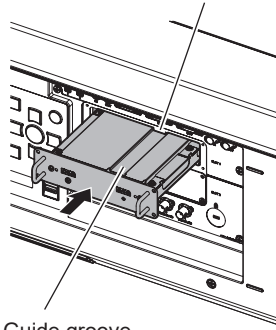
Screws (4 locations)



Slot cover

Fig. 1

Salient



Guide groove

Fig. 2

Screws (4 locations)

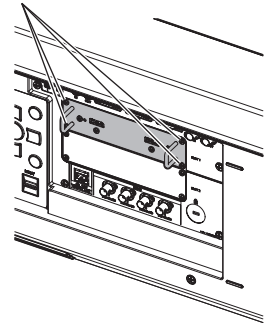


Fig. 3

1) Remove the slot cover. (Fig. 1)

- Remove the four screws fixing the slot cover of the projector by rotating counterclockwise with a Phillips screwdriver. The removed screws are used to fix the Interface Board.
- When removing the fourth screw, hold the slot cover with your hand so it will not fall.
- To replace from other Interface Board, remove the Interface Board following the procedure in “How to remove the Interface Board” (➔ page 8).

2) Install the Interface Board to the projector. (Fig. 2)

- Insert the guide groove of the Interface Board aligned to the salient of the slot. Insert the bracket firmly all the way in.

3) Fix the Interface Board. (Fig. 3)

- Tighten and fix with the four screws removed in Step 1).

Attention

- The removed slot cover is required when the unnecessary Interface Board is removed. Store it so it can be attached in the future.

How to remove the Interface Board

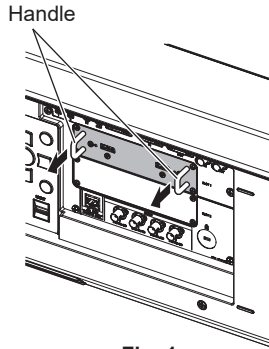


Fig. 1

1) Remove the Interface Board. (Fig. 1)

- Remove the four screws fixing the Interface Board by rotating counterclockwise with a Phillips screwdriver. The removed screws are used to fix the slot cover.
- Hold the handle of the Interface Board and remove it slowly.

2) Attach the slot cover.

- Attach the stored slot cover to the blank slot, and tighten and fix with the four screws removed in Step 1).

Attention

- Always attach the slot cover on the blank slot.
- Store the removed Interface Board inside an antistatic bag.

Specifications

Compatible slot		SLOT NX specification
Connection terminals		DisplayPort 2 lines HDCP2.2 compatible, SST(Single-stream Transport) mode compatible
Supported signals	Resolution	Moving image signal: 480/60p to 4 096 x 2 160/60p Still image signal: 640 x 480 to 3 840 x 2 400 (non-interlace)
	Dot clock frequency	25 MHz to 594 MHz
Dimensions	Width	151 mm (5-15/16")
	Height	38.5 mm (1-17/32")
	Depth	142 mm (5-19/32")
Weight		380 g (13.4 ozs.)

Note

- “SLOT NX” is a name of the slot unique to Panasonic supporting the signal input for the 4K image.
- The video signal that can actually display will vary depending on the projector that the Interface Board is installed. For details, refer to the Operating Instructions of your projector.

Product Information (for Turkey only)



AEEE Yönetmeliğine Uygundur.
Eski Ekipman ve Bataryaların İşlenmesi.
Sadece geri dönüşüm sistemleri olan Avrupa Birliği ve
ülkeleri için geçerlidir.

Ürünler, ambalaj ve/veya ekli belgeler üzerindeki bu semboller kullanılmış elektrik ve elektronik ürünlerin genel ev atığı ile karıştırılmaması gerektiğini ifade eder. Eski ürünlerin toplanması ve geri kazanılması için bu atıkları lütfen yasayla belirlenmiş olan uygun toplama merkezlerine teslim ediniz.

Bu atıkların doğru işlenmesiyle, değerli kaynakların korunmasına ve insan sağlığı ve çevreye olası negatif etkilerinin engellenmesine yardımcı olabilirsiniz.

Atıkların toplanması ve geri dönüşümü için detaylı bilgi için lütfen bağlı olduğunuz yerel yönetimlerle iletişime geçiniz. Atıkların atılmasıyla ilgili yanlış uygulamalar yasayla belirlenmiş olan cezalara sebebiyet verebilir.

Panasonic Corporation

Web Site : <https://panasonic.net/cns/projector/>

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